



LumiStreet

BGP213 ECO49/740 II DM CLO-DDF2 D18 FQQ-

LumiStreet Small, LED EconomyLine 4900 lm, 740 neutral white, Safety class II, Distribution medium, Constant light output and DynaDimmer fixed presets version 2, Cable 10 m without plug, Universal for diameter 48 to 60 mm adjustable

Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available. We have the answer to their needs. With its compact design and modern LED architecture, LumiStreet is a versatile, cost-effective luminaire that fulfils basic functional road lighting requirements. It is made of high-quality components that ensure long lifetime and low maintenance cost. The result? A road lighting luminaire that provides effective illumination while at the same time cutting energy and maintenance bills. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customer who are preparing big renovation projects, TCO oriented.

Product data

General Information		
Lamp family code	ECO49 [LED EconomyLine 4900 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	
Driver included	Yes	
Photocell	-	Light source engine type
Remarks	*-Per Lighting Europe guidance paper	Product family code
	"Evaluating performance of LED based	Lighting Technology
	luminaires - January 2018": statistically there is	Glow-wire test
	no relevant difference in lumen maintenance	Flammability mark

between B50 and for example B10. Therefore.

	the median useful life (B50) value also	
	represents the B10 value. * At extreme ambient	
	temperatures the luminaire might	
	automatically dim down to protect	
	components	
Light source engine type	LED	
Product family code	BGP213 [LumiStreet Small]	
Lighting Technology	LED	
Glow-wire test	Temperature 850 °C, duration 5 s	
Flammability mark	-	
CE mark	Yes	

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ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No
Embedded control	Constant light output and DynaDimmer fixed
	presets version 2
Light Technical	
Upward light output ratio	0
Luminous Flux	4,080 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	132 lm/W
Color rendering index (CRI)	70
Number of light sources	3
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	31.6 W
Average CLO power consumption	35.55 W
End CLO power consumption	39.5 W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	39.5 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	Cable 10 m without plug
Number of products on MCB of 16 A	10
type B	
Temperature	
Ambient temperature range	-40 to +50 °C
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Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer and
Control interface	constant light output (integrated)
Control interface	Internal (no external connection)
Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum die cast

Reflector material	Polycarbonate
Optic material	Polycarbonate

Optical cover material	Tempered glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Universal for diameter 48 to 60 mm adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	630 mm
Overall width	270 mm
Overall height	98 mm
Effective projected area	0.038 m²
Dimensions (Height x Width x Depth)	98 x 270 x 630 mm

Approval and Application

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Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge protection level
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-7%	
Initial chromaticity	(0.380, 0.380) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median	10 %	

useful life 100000 h		
Lumen maintenance at median useful	L100	
life* 100000 h		

Application Conditions

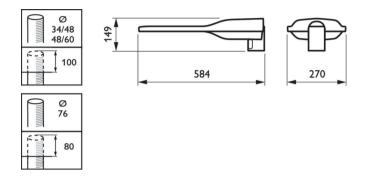
Performance ambient temperature Tq	25 °C
Maximum dim level	Programmable

Product Data

Order product name	BGP213 ECO49/740 II DM CLO-DDF2 D18
	FQQ-
Full product name	BGP213 ECO49/740 II DM CLO-DDF2 D18
	FQQ-
Full product code	871869632022800
Order code	910925452312
Material Nr. (12NC)	910925452312
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696320228
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696320228

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Dimensional drawing





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